

Course Content

Demand Driven Planner (DDP)



Pricing*

Europe: 1,350€

United States: 1,350\$

India: 995\$

Middle East: 1,350\$

Module 1: Planning in the Modern World

- The MRP Revolution
- Evidence of a Problem
- The New Normal

Module 2: The Importance of Flow

- Plossl's First Law
- Demonstrate the Importance of Flow in the Industry
- Plossl's Law Caveat
- The Bullwhip Effect

Module 3: Unlocking a Solution – Decoupling

Module 4: Becoming Demand Driven

- “MRP versus Lean” Conflict
- What “Demand Driven” Really Means
- Demand Driven Operating Model
- Demand Driven MRP

Module 5: Strategic Inventory Positioning

- Six Positioning Factor
- Decoupled Lead time
- Matrix Bill of Material

Module 6: Distribution Network Positioning

- Unique Distribution Positioning Factors
- Compare and Contrast Demand Driven to Push and Promote
- Positioning across a Supply Chain

Module 7: Buffer Profiles and Levels

- Inventory – Asset or Liability
- Buffer Profiles
- Buffer Zones
- Calculating Buffer Levels

Module 8: Dynamic Buffer Adjustments

- Recalculated Adjustments
- Planned Adjustments
- Manual Adjustments
- Factors for Planning Adjustment Factors

Module 9: Demand Driven Planning

- Part Planning Designations
- DDMRP Planning Process
- Supply Order Generation for Stocked Items
- DDDRP Supply Order Generation Considerations
- Supply Generation for Non-Stocked Items
- Decoupled Explosion
- Prioritized Share

Module 10: Highly Visible and Collaborative Execution

- Challenging Priority by Due Date
- Buffer Status Alerts
- Synchronization Alerts
- Execution Collaboration

Module 11: DDMRP and the Operational Environment

- DDMRP Strategic Buffer Criteria
- DDMRP and Safety Stock
- DDMRP and Order Point
- DDMRP and Scheduling
- DDMRP and WIP Priority Management
- Compare/Contrast MRP, Lean and DDMRP

Module 12: Demand Driven Sales and Operations Planning

- DDS&OP
- Analytics for Master Settings Changes and Model Improvement
- DDS&OP Protection for Critical Strategic Impacts

Module 13: Program Summary

- Program Summary
- Expected Benefits of DDMRP
- Get Started with DDMRP

Additional Free Module: DDMRP with SAP

- The SAP Options – SCM APO, S4 HANA, IBP
- The DDMRP Operating Model in SAP
- Evaluating DDMRP for Your Company
- Future Developments